



PLAN OF HIPPED RIDGE — ITEM #1
(SCALE: 1/4"=1'-0") ONE (1) REQ'D

FRAMING NOTES:

1. 1/16" KOROLATH ISOLATOR (MIN) AND KOROLATH SHIMS AS REQUIRED
2. EXTRUDED ALUMINUM SHELF PLATE, 0'-4" LONG, LOCATE 1'-0" MAXIMUM LEFT & RIGHT OF RAFTER CENTERLINE.
3. 1/8" CONTINUOUS ALUMINUM ANGLE
4. FORMED ALUMINUM FLASHING, LAP 3" MIN. AND BED SEAL WITH (A)
5. FORMED ALUMINUM FLASHING
6. FORMED ALUMINUM CLOSURE, LAP 3" MIN.
7. FORMED ALUMINUM CLOSURE
8. 1" STYRENE INSULATION
9. 3/8" WEEP HOLES
10. OPEN CELL RETICULATED FOAM BAFFLE
11. STEEL PLATE, 1/4" TRU-WELD STUD WITH FWS, LWS, AND HNS, SHOP WELD STUD TO STEEL PLATE; FIELD WELD PLATE TO STEEL SUPPORT.
12. GAUGE TYPE 304 STAINLESS STEEL (TYPE 2D DEAD SOFT) GUTTER LINER, LAP 1 1/2" MIN., SECURE WITH 1/8" COPPER RIVETS, TREAT WITH KESTER FLUX AND SOLDER ALL SEAMS WITH 50/50 BAR SOLDER.

- DUNDALK COMMUNITY COLLEGE NATURALITE ACK NO. 902330
1. SCOPE:
NATURALITE/EPI WILL FURNISH ALUMINUM FRAMING, PERIMETER FLASHING AND GLAZING MATERIALS AS INDICATED FOR:
ITEM #1 - ONE (1) RIDGE ENCLOSURE WITH HIPPED ENDS APPROXIMATELY 14'-8" WIDE X 46'-2" LONG.
SKYLIGHT WILL BE SHIPPED UNASSEMBLED AND UNGLAZED.
 2. FINISH:
ALL EXPOSED ALUMINUM WILL RECEIVE A STANDARD TWO-COAT, NON-EXOTIC, FLUOROPOLYMER KYNAR 500 FINISH COMPLYING WITH AAMA 605.2-1985, PPG DURANAR [OR EQUAL] COLOR: BLACK/UC 40577
 3. GLAZING:
ALL SLOPED AREAS WILL BE GLAZED WITH TYPE A 1-1/16" INSULATING GLASS COMPRISED OF AN EXTERIOR LITE OF 1/4" GRAY HEAT STRENGTHENED GLASS, WITH A LOW-E COATING THE #2 SURFACE, 1/2" AIR SPACE AND AN INTERIOR LITE OF 5/16" LAMINATED GLASS COMPRISED OF TWO (2) LITES OF 1/8" CLEAR HEAT STRENGTHENED GLASS WITH A .030" MIN. CLEAR PVB INTERLAYER.
NATURALITE/EPI EXCLUDES THE FOLLOWING: (NBN = NOT BY NATURALITE/EPI)
1. SHIM MATERIAL
2. INSTALLATION
3. FIELD MEASUREMENTS
4. COUNTER FLASHING AND REGLETS
5. COPING AND RELATED TRIM
6. MOCK-UPS AND TESTING OF ANY KIND
7. INTERIOR PERIMETER CAULKING TO FINISH CONSTRUCTION WORK
8. WOOD BLOCKING, AND STRUCTURAL/MISCELLANEOUS STEEL SUPPORTS INCLUDING EMBEDS, SADDLE CLIPS, ETC.
9. GUTTERS, GUTTER LINERS, LEADERS, AND DOWNSPOUTS AS REQUIRED
10. UNLOADING AND PHYSICAL PROTECTION OF STORED MATERIALS
1/18/91

FASTENER ABBREVIATIONS				
SIZE	LENGTH	HEAD	TYPE	MATERIAL
#8		ELAT	A POINT SMS	ALUMINUM
#10		PAN	B POINT TAPPING	CAD PLATED STEEL
#14		HEX	AB POINT	STAINLESS STEEL
#17		JRUSS	CAP SCREW	
3/8"		ROUND	MACHINE SCREW	
1/2"			LAG BOLT	
			JEXS SCREW	
			ELAT WASHER	
			LOCK WASHER	
			HEX NUT	
			RIVNUT	

EXAMPLE: #10x3/4" PANS = PAN HEAD, A POINT, SHEET METAL SCREW, STAINLESS STEEL

NOTE: ALL HEX HEAD GLAZING CAP FASTENERS TO HAVE STAINLESS STEEL/EPDM FLAT WASHERS. ALL EXPOSED FASTENERS TO BE COLORED TO MATCH.

CONCRETE/MASONRY ANCHORS:	
SA	SLEEVE ANCHOR (w/FWS, LWS & HNC)
HVA	HILTI ADHESIVE ANCHOR (w/FWS, LWS & HNC)
SB	STUD BOLT (w/FWS, LWS & HNC)
HIT	HILTI RENOVATION ANCHOR (w/FWS, LWS & HNC)
HKC	HILTI KWIK CON II

SEALANTS AND TAPES	
(A)	PTI 707 BUTYL SEALANT (BLACK)
(B)	G.E.SILPRUF (BLACK)
(C)	SEALANT (B) WITH BACKER ROD
(D)	TREMCO 440 PS BUTYL TAPE (BLACK)
(E)	G.E.SILPRUF (BLACK)
(F)	
(P)	PRIMER (SS4179)



REVIEWED FOR STRUCTURAL
DESIGN OF ALUMINUM FRAMING
MEMBERS AND CONNECTIONS
ONLY

ENCLOSURE(S) TO SUPPORT THE FOLLOWING LOADS:	
1)	30 PSF LIVE LOAD + 8 PSF DEAD LOAD
2)	20 PSF WIND LOAD + 8 PSF DEAD LOAD
3)	ENCLOSURE(S) WILL COMPLY WITH THE LOAD SECTIONS OF BOCA, 1987 EDITION.

CONSTRUCTION TOLERANCES IN ADJACENT OR SUPPORT MATERIALS SHALL NOT VARY FROM STRAIGHT, PLUMB, OR LEVEL MORE THAN ± 1/2" FROM THEORETICAL DIMENSIONS.

GLAZING NOTES:

21. SILICONE COMPATIBLE SETTING BLOCK (80 DUR ±5), LOCATE 1'-0" MAXIMUM LEFT & RIGHT OF RAFTER CENTERLINE.
22. FOAM TAPE
23. EPDM EDGE BLOCK (80 DUR ±5), LOCATE 1'-0" MAXIMUM LEFT & RIGHT OF PURLINE CENTERLINE & 1'-0" ABOVE SILL.
24. DENSE EPDM GLAZING GASKET (80 DUR ±5)
25. SPONGE EPDM GLAZING GASKET
26. SILICONE COMPATIBLE GLAZING GASKET
27. OPEN CELL FOAM BACKER ROD
28. INJECTION MOLDED RETAINER CLIP AT 9" ON CENTER.

THE FOLLOWING REFERENCES WERE USED IN PREPARATION OF SHOP DRAWINGS.

ARCHITECTURAL DRAWINGS	AO.1 THRU A9.5 (6/18/90)
STRUCTURAL DRAWINGS	S2.3 (6/18/90) S4.5 (6/19/90)
SPECIFICATIONS	07B22 (PG 1-9) 08800 (PG 1-8)
ADDENDA/BULLETINS	ADDENDUM #1 (7/19/90), #2 (7/23/90), #3 (7/26/90)

REVISIONS	DETAILER	P	S	DATE	DRAWINGS ISSUED USE
	MDM	3	1	1-18-91	APPROVAL
		3	1	3-25-91	"
	MDM	1		7-8-91	SAOP

ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	Naturalite/EPI, Inc. 101 CORPORATE DRIVE EXPORT, PA 15632 (412) 733-8800 3233 W. KINGSLEY ROAD GARLAND, TX 75041 (214) 278-1354 A SUBSIDIARY OF BUTLER MANUFACTURING COMPANY	PROJECT DUNDALK COMMUNITY COLLEGE LOCATION DUNDALK, MARYLAND CUSTOMER PETER J. SCARPULLA INC. CONTRACTOR ARCH/ENGR SCHAMU, MACHOWSKI, DOO, & ASSOCIATES TITLE DETAILS	ACK. NUMBER 902330 DRAWING NO. E 1 of 10
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